Docket No.: NIH240.1CPDV1 Customer No.: 45,311

OCT 2 1 2004 %

AMENDMENT / RESPONSE TRANSMITTAL

plicant : Bukh et al.

App. No. : 09/084,691

Filed : May 26, 1998

For : NUCLEOTIDE AND

DEDUCED AMINO ACID

SEQUENCES OF THE ENVELOPE 1 AND CORE GENES OF ISOLATES OF HEPATITIS C VIRUS AND

THE USE OF REAGENTS DERIVED FROM THESE

SEQUENCES IN

DIAGNOSTIC METHODS

AND VACCINES

Examiner : Lucas, Z.

Art Unit : 1648

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

October 18, 2004

(Date)

Jancy W. Vensko, Reg. No. 36,298

Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing in the above-identified application are the following enclosures:

- (X) Amendment and Response to Office Action in 9 pages.
- (X) Sallberg, M. et al., J. Clin. Microbiol 30: 1989, 1992.
- (X) Bukh et al., Proc Natl Acad Sci USA 91: 8239, Aug 1994.
- (X) Exhibits 1-3.

Docket No.: NIH240.1CPDV1 Customer No.: 45,311

The fee has been calculated as shown below:

FEE TYPE						FEE CODE	CALCULATION	TOTAL
Total Claims	24	-	55	=	0	1202 (\$18)	0 x 0 =	\$0
Independent Claims	5	-	18	=	0	1201 (\$88)	0 x 0 =	\$0
Multiple Claim			"			1203 (\$300)		previously paid
2 Month Extension						1252 (\$430)		\$430
				-			TOTAL FEE DUE	\$430

- (X) An extension of time is hereby requested by payment of the appropriate fee indicated above.
- (X) A check in the amount of \$430 is enclosed.
- (X) Return prepaid postcard.
- (X) Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Nanoy W. Vensko Registration No. 36,298

Attorney of Record

Customer No. 45,311

(805) 547-5580

LAMEND-TRANS
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NIH240.1CPDV1

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

Bukh, et al.

Appl. No.

09/084,691

Filed

May 26, 1998

For

NUCLEOTIDE AND DEDUCED AMINO ACID SEQUENCES OF

THE ENVELOPE 1 AND CORE

GENES OF ISOLATES OF

HEPATITIS C VIRUS AND THE USE OF REAGENTS DERIVED FROM THESE SEQUENCES IN DIAGNOSTIC METHODS AND

VACCINES

Examiner

Lucas, Zachariah

Group Art Unit

1648

AMENDMENT AND RESPONSE TO OFFICE ACTION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed May 18, 2004, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

10/22/2004 SSITHIB1 00000023 09084691

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